

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012253.D
 Acq On : 19 Jan 2023 09:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 03:21:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	226959	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	341050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	307121	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90183	47.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.520%		
35) Dibromofluoromethane	7.716	113	87080	48.221	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.440%		
50) Toluene-d8	10.179	98	313830	50.172	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.340%		
62) 4-Bromofluorobenzene	12.483	95	118374	46.499	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	93.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85711	43.214	ug/l	96
3) Chloromethane	2.119	50	85954	46.944	ug/l	100
4) Vinyl Chloride	2.253	62	101818	47.642	ug/l	99
5) Bromomethane	2.656	94	78466	47.488	ug/l	95
6) Chloroethane	2.796	64	67163	48.187	ug/l	98
7) Trichlorofluoromethane	3.131	101	193783	46.459	ug/l	99
8) Diethyl Ether	3.527	74	60600	48.825	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.905	101	100591	49.551	ug/l	95
10) Methyl Iodide	4.094	142	141036	45.716	ug/l	98
11) Tert butyl alcohol	4.948	59	53665	239.886	ug/l	100
12) 1,1-Dichloroethene	3.875	96	102882	49.356	ug/l	97
13) Acrolein	3.728	56	16387	188.248	ug/l	99
14) Allyl chloride	4.484	41	133762	51.898	ug/l #	90
15) Acrylonitrile	5.161	53	136377	251.554	ug/l	99
16) Acetone	3.948	43	173514	274.556	ug/l	99
17) Carbon Disulfide	4.198	76	317752	49.283	ug/l	98
18) Methyl Acetate	4.478	43	71194	50.344	ug/l #	88
19) Methyl tert-butyl Ether	5.222	73	285402	49.116	ug/l	95
20) Methylene Chloride	4.716	84	118070	43.596	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	117322	50.437	ug/l	93
22) Diisopropyl ether	6.118	45	270253	52.595	ug/l #	94
23) Vinyl Acetate	6.057	43	818920	255.761	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	183087	51.370	ug/l	100
25) 2-Butanone	6.984	43	186471	267.267	ug/l	90
26) 2,2-Dichloropropane	6.984	77	188066	48.608	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	128112	50.140	ug/l	95
28) Bromochloromethane	7.338	49	36883	47.385	ug/l #	76
29) Tetrahydrofuran	7.344	42	97741	255.040	ug/l #	85
30) Chloroform	7.508	83	207986	49.436	ug/l	99
31) Cyclohexane	7.783	56	159802	48.292	ug/l	93
32) 1,1,1-Trichloroethane	7.703	97	199383	47.870	ug/l	98
36) 1,1-Dichloropropene	7.917	75	153790	50.109	ug/l	98
37) Ethyl Acetate	7.069	43	67760	50.082	ug/l #	95
38) Carbon Tetrachloride	7.905	117	189325	47.764	ug/l	97
39) Methylcyclohexane	9.185	83	190707	50.847	ug/l	93
40) Benzene	8.161	78	447313	50.498	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	42297m	53.185	ug/l	
42) 1,2-Dichloroethane	8.240	62	136398	48.367	ug/l	100
43) Isopropyl Acetate	8.270	43	126140	50.111	ug/l #	93
44) Trichloroethene	8.941	130	132695	50.118	ug/l	95
45) 1,2-Dichloropropane	9.215	63	98734	53.417	ug/l	100
46) Dibromomethane	9.307	93	62287	50.337	ug/l	95
47) Bromodichloromethane	9.496	83	155862	50.039	ug/l	98
48) Methyl methacrylate	9.295	41	58063	50.062	ug/l	90
49) 1,4-Dioxane	9.295	88	16916	1003.259	ug/l	94
51) 4-Methyl-2-Pentanone	10.069	43	341766	254.623	ug/l	95
52) Toluene	10.246	92	297257	50.400	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	162587	49.902	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	178063	50.748	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	89472	50.892	ug/l	97
56) Ethyl methacrylate	10.508	69	119971	52.016	ug/l	92
57) 1,3-Dichloropropane	10.788	76	147569	51.397	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	180924	237.068	ug/l	91
59) 2-Hexanone	10.831	43	271578	265.753	ug/l	93
60) Dibromochloromethane	10.983	129	116173	49.822	ug/l	100
61) 1,2-Dibromoethane	11.087	107	85223	50.237	ug/l	100
64) Tetrachloroethene	10.721	164	149945	53.505	ug/l	97
65) Chlorobenzene	11.520	112	313260	49.851	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	121390	51.179	ug/l	98
67) Ethyl Benzene	11.593	91	568058	50.582	ug/l	99
68) m/p-Xylenes	11.703	106	450966	101.561	ug/l	99
69) o-Xylene	12.032	106	213448	50.327	ug/l	98
70) Styrene	12.044	104	362965	51.220	ug/l	99
71) Bromoform	12.209	173	75656	49.926	ug/l #	98
73) Isopropylbenzene	12.331	105	569828	52.018	ug/l	99
74) N-amyl acetate	12.142	43	109092	50.803	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	87627	50.785	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	65510m	46.896	ug/l	
77) Bromobenzene	12.611	156	135533	51.417	ug/l	92
78) n-propylbenzene	12.672	91	658979	51.408	ug/l	98
79) 2-Chlorotoluene	12.757	91	371418	51.246	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	488352	51.282	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	35355	52.148	ug/l	96
82) 4-Chlorotoluene	12.855	91	383332	50.352	ug/l	97
83) tert-Butylbenzene	13.074	119	423184	50.987	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	481208	51.240	ug/l	100
85) sec-Butylbenzene	13.257	105	599331	50.718	ug/l	98
86) p-Isopropyltoluene	13.373	119	520752	50.438	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	262488	50.068	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	260040	49.736	ug/l	99
89) n-Butylbenzene	13.696	91	457031	51.080	ug/l	98
90) Hexachloroethane	13.964	117	93442	50.134	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	230109	49.191	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17212	48.269	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	143947	48.025	ug/l	99
94) Hexachlorobutadiene	15.117	225	87901	48.708	ug/l	98
95) Naphthalene	15.239	128	279878	47.308	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	121085	46.945	ug/l	99

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

